

CLAIMS

1. An image processing apparatus that executes predetermined signal processing on an input signal and outputs an image signal generated to driving means of a display apparatus, the image processing apparatus comprising:

superposing means for superposing control data for controlling the driving means on a predetermined segment of the image signal; and

outputting means for outputting the image signal with the control data superposed thereon to the driving means.

2. The image processing apparatus according to Claim 1, wherein the predetermined segment is a segment in which vertical blanking data of the image signal is included.

3. The image processing apparatus according to Claim 2, wherein, in the predetermined segment, the control data is superposed so that the control data is provided for each parameter of the display apparatus that is to be controlled by the driving means and so that the control data for each parameter is provided repeatedly a plurality of times.

4. An image processing method comprising:  
a superposing step of superposing control data for controlling driving means of a display apparatus on a predetermined segment of an image signal that is input to the driving means; and

a sending step of sending the image signal with the control data superposed thereon to the driving means.

5. A display apparatus comprising:

a display configured to display an image;  
driving means for driving the display; and  
extracting means for extracting control data for controlling the display, the control data being superposed on a predetermined segment of an input image signal;

wherein the driving means drives the display based on the control data extracted by the extracting means so that an image corresponding to the image signal is displayed.

6. The display apparatus according to Claim 5,

wherein the predetermined segment is a segment in which vertical blanking data of the image signal is included.

7. The display apparatus according to Claim 6,

wherein, in the predetermined segment, the control data is superposed so that the control data is provided for each parameter of the display that is to be controlled by the driving means and so that the control data for each parameter is provided repeatedly a plurality of times.

8. The display apparatus according to Claim 7,

wherein the extracting means integrates the control data for each parameter, the control data being provided repeatedly a plurality of times, and uses data according to a result of the integration as the control data.

9. A display method comprising:

an extracting step of extracting control data for controlling driving means of a display apparatus configured to display an image, the control data being superposed on a predetermined segment of an image signal that is sent to the driving means; and

a driving step of driving the display apparatus based on the control data extracted by processing in the extracting step.

10. An electronic apparatus comprising:

an image processor configured to execute predetermined signal processing on an input signal and to output an image signal;

a display controller configured to receive input of the image signal; and

a display driven by input of a driving signal output from the display controller;

wherein the image processor superposes control data for controlling the display controller on a segment in which vertical blanking data of the image signal is included, and

wherein the display controller extracts the control data superposed on the image signal, and outputs a driving signal for driving the display based on the control data extracted.